

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:	Patent Application of Hiroyuki SAKAMOTO <i>et al.</i>	:Group Art Unit: Not Yet Assigned : : :
Conf. No.:	Not Yet Assigned	: : :
Appln. No.:	Not Yet Assigned	: Examiner: : :
Filed:	Herewith	: : :
For:	POSITIVE ELECTRODE ACTIVE MATERIAL FOR ALKALINE STORAGE BATTERIES, AND POSITIVE ELECTRODE: AND ALKALINE STORAGE BATTERY USING THEREOF	: Attorney Docket : No. 10059-405US : (P25305-01) : :

**PRELIMINARY AMENDMENT**

Simultaneously with the filing of the above-identified application with which this Preliminary Amendment is being filed, and prior to the calculation of the filing fee, Applicant hereby amends the application as follows, without prejudice:

**In the Specification:**

Please amend the specification as follows:

At page 1, lines 1-4, delete DESCRIPTION, POSITIVE ELECTRODE ACTIVE MATERIAL FOR ALKALINE STORAGE BATTERIES, AND POSITIVE ELECTRODE AND ALKALINE STORAGE BATTERY USING THEREOF, and add new Title of the Invention Section as follows:

**--TITLE OF THE INVENTION**

Positive Electrode Active Material For Alkaline Storage Batteries, And Positive Electrode And Alkaline Storage Battery Using The Same

**CROSS-REFERENCE TO RELATED APPLICATION**

This application is a continuation of International Application No. PCT/JP01/04242, filed May 21, 2001, the disclosure of which is incorporated herein by reference.--

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## REMARKS

Claims 1 to 12 are pending in the application.

The purpose of this amendment is to insert the reference to the parent application of which this is a Non-provisional. Such amendments are formal in nature and no new matter is added by any of the above amendments. A marked-up copy of the title section having the bracketed additions and stricken deletions is enclosed to reflect these amendments. Entry of this amendment and early examination of this application are respectfully solicited.

Respectfully submitted,

**HIROYUKI SAKAMOTO *et al.***

January 4, 2002  
(Date)

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Enclosure

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## [TITLE OF THE INVENTION]

Positive Electrode Active Material For Alkaline Storage Batteries,  
And Positive Electrode And Alkaline Storage Battery Using  
DESCRIPTION The Same

## CROSS-REFERENCE TO RELATED APPLICATION

~~POSITIVE ELECTRODE ACTIVE MATERIAL FOR ALKALINE STORAGE~~

~~BATTERIES, AND POSITIVE ELECTRODE AND ALKALINE STORAGE BATTERY~~

~~USING THEREOF~~

This application is a continuation of International Application No.  
PCT/JP01/04242, filed May 21, 2001, the disclosure of which is incorporated  
herein by reference.]  
Technical Field

The present invention relates to a positive  
electrode active material for alkaline storage batteries, and  
also a positive electrode and alkaline storage battery using  
thereof.

## Background Art

In recent years, the capacity density of a positive  
electrode for an alkaline storage battery has been  
significantly increased by improvements of the substrate shape,  
active material shape, active material composition and  
additives. At present, a positive electrode having a capacity  
density of around 600 mAh/cc has been put into practical  
application.

However, equipments using an alkaline storage  
battery as a power source demand further improvements of the  
high-rate discharge characteristic and output.

In order to improve the high-rate discharge  
characteristic, conventionally, there have been considered a  
method of improving the current collecting efficiency of the

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